

642-545  
Reel # 23

The Lenin Prize for the Construction of the  
First Atomic Power Station, by Yu. K., 6 pp.

RUSSIAN, per, Atomnaya Energiya, Vol III,  
No 7, 1957, pp. 87-90.

8

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,064

Juvenile Delinquency in Africa, by Abdou Anta Ka, 5pp  
FRENCH, per, Africa, Dakar, Vol VI, No 32, June-July  
1964, pp 18, 19, 21  
JPRS 27443

Africa  
Soc  
Jan 65

271,849

Maintenance of Wet Felts, by Ka. He, 4 pp.

GERMAN, per, Wochenbl Papierfabrik, Vol. LXVIII,  
No 22, Nov 1950, pp 659-661.

SEA 58-284

Sci

Aug 59

94, 189

The Twinning Optics of the Bavaro and Menebach Twins  
of Plagioclases at High- and Low-Temperature, by  
van der Linden, Gerrit, 8 pp.

GERMAN, H., Die Zwillingsoptik der Bavaro- und  
Menebacher- Zwillinge von hoch- und Tieftemperaturierten  
Plagioklassen, 9677006

Amer Mineral 87  
T-6-171

Sci - Geophys  
Nov 62

214,941

Electron Emission and Recombination Luminescence  
of Some Alkali Halide Salts Excited by Light by H. F. Kambre.

RUSSIAN, per, Trudy Ak Nauk ESTonskoi SSSR, Tallinn  
Institut Fiziki i Astronomii, Vol XII, 1962,  
pp 173-194.

SLA TT-64-20099

Sci

Cont 66

Relationship Between the Internal Photoelectric  
Effect and the Recombination Luminescence in  
Alkali Halide Crystal Phosphors, by  
E. S. Tiltster, H. P. Koshko.  
RUSSIAN, per, Trudy Ak Nauk Estonskoi SSR,  
Tallinn Institut Fiziki i Astronomii, Vol XVI,  
1967, pp 166-172.  
SLA 77-64-20092

Sci  
Sept 66

309,781

THE ISRAELI PHYSICIAN: PORTRAIT OF A PROFESSION,  
BY KHAVIV KIAAN, 5 PP.

HEBREW, ~~PER~~, HAARETS, 8 MAY 63, P 5.

JPRS 19909

ME-ISRAEL  
ECON  
JUL 63

235,171

An Optical Method for Following the  
Processes, by J. P. Kahn, S. B. Mandelstam,  
5 pp.

DIKON, per, de Ingenieur, Vol XVIII, No 80,  
1991, pp 33-35.

ATS-4315 AM

183, 472

3-1

Mar 69

International Telegraph Traffic Being Automated, 67  
by Martti Kaarento, 5 pp.  
FINNISH, per. Lampittaja, No 5, 1965,  
pp 29-40.  
DIA LN 67-66

*Martti Kaarento*

Sci-Elect.  
Apr 66

298,626

Bench Mark List I of the Second Levelling of  
Finland, by Erkki Kaarleinen, 333 pp.

FINNISH, per, Suomen Geodeettisenlaitoksen  
Julkaisuja, No 57, 1963, pp 26-168.

ACSI I-3149  
ID 2240857

WEur - Finland  
Geog  
Oct 63

240,044

Kaario, Toivo Juhani.

A METHOD FOR ELEVATING A VEHICLE FREE  
FROM THE SURFACE OF TRANSPORTATION. [1962]  
Order from K-H \$5.00 K-H 10819

Trans. of Finnish patent 26, 122, appl. 20/49 [granted  
10 Dec 52, pub. 14 Nov 53].

Another trans. (claims only) is available from LC or  
SLA m\$1.80, ph\$1.80 as 60-13273, 9 Dec 59, 1p.

DESCRIPTORS: Lift, \*Hydrofoils.

For abstract see Technical Translations 3600, 1960

(Mechanics--Hydrodynamics, TT, v. 9, no. 10)

63-12973

I. Kaario, T. J.

II. Patent (Finland) 26 122

III. K-H-10819

IV. Kresge-Hooker Science  
Library Associates,  
Detroit, Mich.

Office of Technical Services

Revival from Insulin Coma from Shock Treatment  
with Gluzagon, by M. Hall, M. Kaartinen, E.  
Osterman, 10 pp.

RUSSIAN, per, Svenska Läkertidsn, Vol XXXII, 9 Aug  
1957, pp 2355-2361.

SLA 57-3552

Sci

Jul 59

92,479

**Synthetic Crystallization. III.  
Crystallization of Naphthalene and Anthracene  
in the Bruch-Crystallizer, by P. J. C.  
Keesenbrood, 10 pp.  
NUTCH, par, 22. January, Vol 75,  
No 49, 1963, 39 CNY-0001.**

*P. J. C. Keesenbrood*

**196-012**

**Sci  
Aug 67**

Methods of Evaluating Coals; Their Critical  
Examination and Contributions to Further Develop-  
ment, by L. Kaatz, H. E. Richter.

GERMAN, par, Gas und Wasserfach, Vol LXXVIII,  
1935, pp 221-229.

Dept of Interior  
US Bur of Mines  
Central Experiment Station  
Pittsburgh, Pa. Tr 103

Sci - Fuels; Engr

87,587

May 59

On the Phase Equilibrium of Vapour-Liquid in the  
System Phenol-Phenolate-Alkali-Water, by P. H.  
Gorelov, R. I. Kasydokova.

RUSSIAN, per, Koks i Khim, No 12, 1957, pp 40-41.

*probably* #131R/TCL 108  
Sci Mus Lib  
58/118/

Sci - Chem  
Mar 59

82, 253

Science Today and Tomorrow, by Alikhanov, Kobachik,  
Tamm, Shemyakin.

RUSSIAN, np, Izvestiya, 21 Oct 1959.

FRID Daily Review

USSR

Econ

Sci - Mls

Nov 59

49,646

Kabachnik, M. I., Medved, T. Ya. and others.  
REACTIONS OF VINYL-DIPHENYLPHOSPHINE OXIDE.  
[1963] 6p.

Order from ATS \$7.50

ATS-O8P66R

Trans. of \*Akad[emiya] Nauk SSSR. Otd[elenie]  
Khim[icheskikh] Nauk. Izv[estiya] 1962, no. 9,  
p. 1584-1589.

DESCRIPTORS: \*Phosphine oxides, \*Phenyl radicals,  
\*Vinyl radicals, Chemical reactions, \*Oxides.

(Chemistry--Organic, TT, v. 9, no. 8)

63-12839

- I. Kabachnik, M. I.
- II. Medved, T. Ya.
- III. ATS-O8P66R
- IV. Associated Technical  
Services, Inc.,  
East Orange, N. J.

Office of Technical Services

Kabachnik, M. I., Tsvetkov, E. N., and  
Chang, Jung-yu.

THE ORIENTATION OF ADDITION AND THE RE-  
ACTIVITY OF THE VINYL GROUP IN REACTIONS  
OF SECONDARY AMINES WITH VINYL COMPOUNES  
OF TRIVALENT AND PENTAVALENT PHOSPHO-  
ROUS. [1963] 13p.  
Order from ATS \$13.50

ATS-73P66R

Trans. of Zhurnal Obshch. Khim. (USSR) 1962,  
v. 32, no. 10, p. 3340-3350.

DESCRIPTORS: \*Phosphorus, \*Vinyl radicals,  
\*Amines, Chemical reactions.

(Chemistry--Organic, TT, v. 9, no. 8)

63-12825

- I. Kabachnik, M. I.
- II. Tsvetkov, E. N.
- III. Chang, Jung-yu
- IV. ATS-73P66R
- V. Associated Technical  
Services, Inc.,  
East Orange, N. J.

Office of Technical Services

STATEMENTS OF SOME FORMERLY ACTIVE CHINESE-  
FRENCHMAN CONFIDENTIAL, BY H. I. SHANDON, H. H.  
GROVER, ET AL, 11/17.

CONFIDENTIAL, FOR THE CHINESE PRESS, VOL. XXIII, NO. 4,  
1963, PP. 1132-1134.

FOR INFO

SCI - CHINE

AND 63

237.713

Soviet Organic Chemistry During 40 Years, by  
A. H. Nesmeyanov, M. I. Kabachik, 98 pp.

RUSSIAN, per, Uspekhi Khimii, Vol XXVI, No 11,  
Nov 1957, pp 1241-1294.

ATIC F-TS-9400/V

USSR  
Econ  
Sci - Chemistry  
Jun 58

65,625

On Some Regularities in the Field of Organometallic  
Compounds, by K. V. Astakhov, A. M. Kabakchi (Moscow),  
15 pp. (AF 81037).

RUSSIAN, bino per, Uspekhi Khimii, Vol XVII, No 5,  
1948, pp 578-584.

ANC F-TE-6699-RE

ATS RI 1672

USSR

Scientific - Chemistry, compounds, organometallic

A-353

Method of Preparing Dialkylthiophosphinic Acids,  
by T. A. Mastryukova, A. E. Shipov, M. I. Kabachnik  
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,  
1959, pp 1450-1453.

Consultants Bureau

Sci

Jul 60

120,436

Conjugation Macromer in Systems With a Substituted  
Atom. II. Vinylphosphonic and Vinylphosphinic Acids  
by M. I. Kabachnik, T. A. Mastryukova, T. M.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, no 2, 1951  
pp 382-387.

CH

Sci  
Jan 64

246, 93.

(SP-1979)

Vibrational Spectra of Organo-Phosphorus Compounds  
by Ye. M. Popov, M. I. Kabachnik, G. N. Klyachko  
39 pp

RUSSIAN, per, Uspekh Khim., Vol XXV, No 7, 1977,  
pp 846-876.

ADRS 11033

Sci - Chem

Dec 61

Organophosphorus Insecticides. Some Ester-Amides  
Acids of Phosphorus Containing  $\beta$ -Fluoroethyl Group  
by M. I. Kabachnik, E. I. Golubeva, D. M. Faykin  
M. P. Shabanova, N. M. Gamper, L. F. Efimova, 4 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,  
1959, pp 1680-1683.

Consultants Bureau

Sci

Jul 60

120,481

Imides of Phosphorus Acids. Infrared Absorption  
Spectra of Phosphorimidates and Phosphonimidates,  
by M. I. Kabachnik, V. A. Gilyarov, E. N. Tsvetkov,  
7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otel Khim Nauk,  
No 12, 1959, pp 2135-2141.

CB

Sci  
Oct. 60

130,326

Organophosphorus Compounds: O,O-Dialkyl Hydrogen  
Phosphorothiolothionates, by M. I. Kabachnik,  
T. A. Mastryukova, 4 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk, No 1,  
1953, pp 121-125.

G-2, GSUSA G-713  
Consultants Bureau

Scientific - Chemistry

3045

Organophosphorus Insecticides.  $\beta$ -Fluoroethyl Esters  
of Acids of Phosphorus, by M. I. Kabachnik, E. I.  
Golubeva, D. M. Faykin, M. P. Shabanova,  
N. M. Gamber, L. F. Efimova, 10 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 5,  
1959, pp 1671-1679.

Consultants Bureau

Sci1

Jul 60

120, 48

The Problem of Trans-Enrichment, I. The Effect of  
Solvents on Enrichment of "Heavy-Fluor" Enrichment,  
by M. I. Khodanovskiy, S. T. Yaffe, et al, 7 pp.

RUSSIAN, per, Izv. Akad. Nauk, Vol. XXXI, No 7,  
1961, pp 2122-2130.

23

Encl  
13 Jun 62

200,401

On Imides of the Phosphorus Acids, Communication 7.  
Amide-Imide Tautomerism of the Amides of Pentavalent  
Phosphorus Acids, by M. E. Kabachnik, V. A. Gilyarov,  
E. M. Popov, 7 pp.

RUSSIAN, per, Iz Ak Nauk ~~Sov~~ .el Khim Nauk,  
No 6, 1961, pp 1022-1029

CH

200, 705

Sci  
Apr 62

Phosphorus-Organic Monomers by, M. I.  
Kabachnik, T.Ya. Melved', 4pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 4, 1961, pp. 604-607.

CB

200, 671

Sci.  
April 62

A Method for the Synthesis of Monoesters of  
Phosphonous Acids, by M. I. Kebachnik, E. N.  
Tsvetkov, Chung-Yu Chang, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV,  
No 6, 1959, pp 1260-1262.

Consultants Bureau

Sci

119,527

Jun 60

2-Chloroethyl Esters of Some Acids of Phosphorus,  
by E. L. Getter, M. I. Kabachnik, 11 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2,  
pp 194-198, 1957.

SLA R-1618

Sci - Chem  
Aug 58

70,528

Acylation of Aminoalkyl-Phosphonic and -Phosphono-  
thionic Acids With Chloroformic Esters, by  
T. Ya. Medved, M. I. Kabachnik, 4 pp.

Full tr

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk, No 3,  
1956, pp 327-331. CTA 9000/02

Consultants Bureau

Sci - Chemistry  
Sep 56 CTS

38,665

(FDD 25799)

The Biological Activity of  $\alpha$ -Aminophosphinic  
Acids, by V. L. Ryzhkov, M. I. Kabachnik, L. M.  
Tarasovich, T. Ya. Medved', N. A. Zeytlenek,  
N. K. Marchenko, Ye. F. Varzhanova, Ye. F. Ula-  
nova, N. V. Chenurkina, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol XCVII, No 5, Moscow, 1954, pp 849-852.

29, 168

CIA/FDD/U-7385

USSR

Sci - Biology, biochemistry  
Medicine, neurophysics

CTS 73 Oct 55

Organolithium Compounds in the Synthesis of Esters  
of Alkyl and Aryl Phosphorus Acids, by M. I.

Kabachnik, E. N. Tavetkov, ~~XXXXXXXXXX~~/  
~~NO-XXXXXXXXXX~~

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
1960, pp 133-134.

Sci - Chem  
May 61

150,153

The Theory of Tautomeric ~~Equilibrium~~ in Solutions.  
Tautomerism of the Dialkylthiophosphates, by M. I.  
Kabachnik, S. T. Yoffe, T. A. Mastryukova, 8 pp.

RUSSIAN, no per, Zhur (Ishch Khim BSSR, Vol XXV,  
No 4, Apr 1955, pp 684-692. CIA C 39500

Consultants Bureau

Scientific - Chemistry  
Nov 55 CTS/DEX

28,880

③ -Ethylmercaptoethyl. Phosphites and Some of  
Their Properties, by T. Ya. Medvedev, M. I. Kabachnik,  
7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 10, 1958, pp 1212-1218.

Consultants Bureau

Sci

Apr 60

112,171

Tautomerism in Aprotic Media. Communication 1.  
Protolysis of Carboxylic Acids by Tris (p-  
dimethylaminophenyl) ethanol, by M. I.  
Kabanov, S. F. Yoffe, 4 pp.

RUSSIAN, per., In Ak Jani SSSR, Otdel Khim Nauk,  
No 5, 1958, pp 688-690.

Consultants Bureau

Sci - Chem

Apr 60

112, 274

Trialkyl Phosphorimidates. Trialkyl  
Phenylphosphorimidates, by M. I. Kabachnik, V. A.  
Gilyarov, 8 pp.

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk,  
No 7, 1956, pp 790-797.

Consultants Bureau

Sci - Chem  
May 57

47,218

Derivatives of 1-Aminoalkylphosphonic Acids.  
1-Isocyanatoalkylphosphonic Esters and Their  
Reactions, by T. Ya. Medved, M. I. Kabachnik, <sup>8 pp.</sup>~~7 pp.~~

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk, No 6,  
1956, pp 684-691.

Consultants Bureau

Sci - Chemistry  
Feb 57 CTS

44, 119

**Cyanoacetylenes Monomers, Communication II,  
o-Alkyl- and o-Bromocycloacetylenic Acids  
and Their Derivatives, by T. Ya. Medved',  
M. I. MI Maloshuk, 4 pp.**

**RUSSIAN, per, in Ak Nauk SSSR, Otdel  
Khim Nauk, No 11, 1961, pp 270-273.**

**CS**

**Sci**

**Jan 62**

**198,806**

Theory of Tautomeric Equilibrium in Solution. Effect of Solvation on the Equilibrium Between the Keto and Isomeric Cis and Trans Enol Forms, by M. I. Kabachnik, 10 pp.

Full translation.

RUSSIAN, 1 no per, In Akk. ~~SSSR~~ ~~Obdel Khim. Nauk~~, No 1, Jan/Feb 1955, pp 98-108. CIA D 151942

Consultants Bureau

Scientific - Chemistry

24,509

Jun 55

Atomic Refraction of Phosphorus and Sulfur in  
Phosphorothiolothionic Esters, by M. I. Kabachnik,  
T. A. Mastryukova, 5 pp.

Full translation.

RUSSIAN, bio: per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 3, USSR, May-Jun 1954, pp 436-441. CIA D 151316

Consultants Bureau

Scientific - Chemistry

CTS 68/May 55

28,759

Application of the Hammett Equation to the Theory  
of Tautomeric Equilibrium: Thiono-Thiolo  
Tautomerism of Thiophosphoric Compounds, by  
M. I. Kabachnik, T. A. Mastryukova, 6 p.

RUSSIAN, per, Dok Ak Nauk SSSR, 1959, Vol CXXIV,  
No 5, pp 1061-1064.

Sci  
Apr 60  
Vol III, No 2

ATS-26L35R

ATS-RE-2169

III, 643

**Organophosphorus Compounds Obtained From  
o - Gides, by E. I. Gifter, M. I.  
Kabanovik, 20 pp.**

**RUSSIAN, per, Vopish Khim, No 3, 1962,  
pp 209-121.**

**CS**

**Sci**

**Jan 63**

**220,274**

Kabachnik, M. I. and Balueva, G. A.

THE BASICITY OF PHOSPHINES AND THE

HAMMETT EQUATION. 14 June 62 [5]p 14 refs.

Order from OTS or SLA \$1.10

62-18020

Trans. of Akad[emiya] Nauk SSSR. Otdel[enie] Khim-  
[icheskiy] Nauk. Izvest[iya] 1962 [no. 3] p. 536-537.

DESCRIPTORS: \*Phosphines, Phosphorus, Dissocia-  
tion, \*Hydrogen ion concentration, Equations.

The applicability of the Hammett equation to basicity  
constants of phosphines is shown. Values of the con-  
stant  $K_{\text{H}}$  for substrates  $\text{C}_6\text{H}_5$ , cyclo- $\text{C}_6\text{H}_5$ ,  
and  $\text{CH}_2\text{Cl}_2$  on phosphorus were derived. (Author)

(Chemistry--Physical. TT, v. 8, no. 9)

62-18020

1. Title: Bases (Chemical)
2. Title: Hammett equation

- I. Kabachnik, M. I.
- II. Balueva, G. A.

0226063

Office of Technical Services

Lower Dialkylphosphinous Acids (Secondary Phosphine  
Oxides) and Some of Their Properties, by  
M. I. Kabachnik, E. N. Tsvetkov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Khim, No 7,  
1963, pp 1227-1232.

CB

Sci  
Jul 64

263,477

Tautomerism of Diphenyl Phosphite, by M. I.  
Kabachnik and Yu. M. Polikarpov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,  
1957, pp 512-515.

Consultants Bureau

Sci - Chem

Aug 58

70,934

Organophosphorus Insecticides. VI. Amidoesters  
of Thiophosphoric and Dithiophosphoric Acids Con-  
taining the *S*-Ethylmercaptoethyl Grouping, by  
M. I. Kabachnik, N. N. Godovikov, D. M. Paikin,  
M. P. Shabanova, L. F. Efimova, N. M. Camper,  
8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 7,  
1959, pp 2182-2189.

CB

Sci

Aug 60

124,679

Synthesis and Investigation of Some Vinyl Esters of  
Phosphorus Acids, by E. L. Neftter, M. I. Kabachnik,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol <sup>1957</sup> XIV, No 3, pp  
541-544.

Consultants Bureau

Sci - Chem  
Aug 58

69, 115

Tautomerism of Carbothioic Acids in Aprotic Media,  
by S. T. Yoffe, Yu. N. Sheinker, M. I. Kabachnik,  
9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 9, 1960, pp 1561-1570.

CB

172, 197

Sci

Oct 61

Tautomerism of Carbothioic Acids in Protolytic Media, by Yu. N. Sheinker, S. T. Yoffe, M. I. Kabachnik, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9, 1960, pp 1571-1575.

CB

Sci

172, 199

Oct 61

Acid Imides. Dialkylphosphoryl-N-Phenyltriazenes and  
Their Salts, by M. I. Kabachnik, V. A. Gilyarov, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol <sup>1957</sup> XIV, No 4, pp  
781-784.

Consultants Bureau

Sci - Chem  
Aug 58

69, 108

The Reactivity of the Alkali Salts of Dialkyl-  
thiophosphoric Acids. II. Acylation Reactions,  
by M. I. Kabanik, T. A. Mastryukova, N. P.  
Rodionova, E. M. Popov, 6 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 1,  
1956, pp 120-125. CIA 9000/04 C, Recd No 21

Consultants Bureau

Sci - Chemistry

Sep 56 GTS

38,627

**Mobility of Sulfur in Organothiophosphorus  
Compounds; Trialkylthiophosphates and  
Dialkylidithiophosphates, by G. P. Mikheikin,  
L. V. Sulim, T. A. Maslyukova and M. I.  
Makochuk, 4 pp.**

**Full. to**

**RUSSIAN, thrice-a-year, Dok Ak Nauk SSSR,  
Vol CVI, N No 3, 1976, p 648.**

**41,504**

**Consultants Bureau**

**Sci - Chemistry  
Dec 76 CIB**

Tautomerism of Phosphamidines, by M. I. Kabachnik.  
V. A. Gilyarov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 5,  
1962, pp 1598-1603.

CB

Sci

Mar 63

233,550

Organophosphorus Insecticides. O,O-Diethyl-<sup>A</sup>-  
Ethymercptoethyldithiophosphate (M-74) and Its  
Analog, by M. I. Kabachnik, T. A. Mistryukova,  
M. F. Shostakovsky, E. N. Prilezhayeva, D. M.  
Paikin, M. P. Shabanova, N. M. Gamper, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIX,  
No 4, Jul/Aug 1956, pp 777-780.

~~Sci - Chem~~ 76 54

Consultants Bureau

Sci - Chem

56, 643

Dac 57

R-1185

101153  
A Method of Synthesis of Esters of Alkylphosphonic  
Acids, by Corresponding Member An SSSR M. I.  
Kabachnik, E. N. Tsvetkov, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII,  
No 5, 1957, pp 817-820

Consultants Bureau

Sci - Chem

74, 411

Oct 58

New Method for the Synthesis of Amino  
Phosphonic Acids. Communication 2. Reaction  
of Ketones With Dialkyl Phosphites and Ammonia,  
by T. Ya. Medved, M. I. Rubchinskii, 8 pp.

RUSSIAN, bino per, Is Ak Bank SSSR, Otdel Khim,  
Munk, No 2, 1954, pp 314-322. CIA D 151309

23,319

Consultants Bureau

Scientific - Chemistry

May 55 CEB/DEX

Organophosphorus Insecticides, Some Derivatives  
of Methylthiophosphonic and Methylidithiophosphonic  
Acids, by M. I. Kabachnik, et al.

RUSSIAN, per, Zhur Obshchey Khim, Vol XXVIII,  
No 6, 1958, pp 1968-1973.

Assoc Tech Serv RJ-1469  
" " " 21K23R

Sci - Chem

Apr 79

85,605

New Method for the Synthesis of 1-Aminoalkyl-  
phosphonic Acids. Communication 1, by M. I.  
Kabachnik, T. Ya. Mowed, 9 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 5, USSR, 1953, pp 868-878. *CIA 0151001*

Consultants Bureau

Scientific - Chemistry

CTB 61/Jan 55

20,623

On the Imides of Alkylphosphorous Acids,  
Trialkylphosphate Azins, by M. I. Kabachnik,  
V. A. Gilyarov.

RUSSIAN, thrice-no per, Dok Ak Nauk, Vol CVI,  
No 3, 1956, pp 473-475.

T.I.L. T.4691

Sci - Chemistry

36,913

Aug 1956

IR 4401 1.50

Certain Problems of Tautomerism, by M. I. Kabachnik,  
~~24-1/2~~ pp.  
25

RUSSIAN, no per, Uspekhi Khim, Vol XXV, No 2, 1956  
pp 137-161.

Tech and Comm Tr

Sci - Chemistry

37,077

Aug 56 CTS/Dex

Reactions of Aldehydes With Phosphonous and  
Phosphinous Chlorides, by M. I. Kabachnik,  
E. S. Shupeleva, 5 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 5, USSR, 1953, pp 862-867. CIA DIS1001

Consultants Bureau

Scientific - Chemistry

20,622

C18 64/Jan 55

Methylation of 1-Aminoalkylphosphonic Acids and  
Their Esters, by T. Ya. Medved, M. I. Kabachnik,  
4 pp.

RUSSIAN, biograp per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 6, Nov/Dec 1955, pp 1048-1057. CIA 54276 C,  
real 3.

Consultants Bureau

Sci - Chemistry

37,697

Aug 1956

Acylation of Aminoalkylphosphonic and Aminoalkylphosphonothioic Acids, by T. Ya. Medved, M. I. Kabachnik, 4 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, Nov/Dec 1955, pp 1043-1047. CIA 542764 C, reel 3.

Consultants Bureau

Sci - Chemistry

57,636

Aug 1956

O, O- and O,S-Dialkyl Alkylphosphonothioates, by  
E. I. Kabachnik, T. A. Mastryukova, N. I. Kurochkin,  
6 pp.

Full tr

RUSSIAN, no per Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 2, 1956, pp 193-198. CIA 564938 C, Reel Ro 16

Consultants Bureau

Scientific - Chemistry  
Sep 56 CFB/dex

38,441

Dual Reactivity and Tautomerism, by A. N. Nesmeyanov,  
M. I. Kabachnik, 38 pp.

Full translation.

RUSSIAN, no par, ~~Zhur Obshch Khim~~, Vol XIV, No 1,  
Jan 1955, pp 41-67. CIA D 151342

Consultants Bureau

Scientific - Chemistry

24,546 Jun 55

Organophosphorus Insecticides. Some Analogues  
of O,O-Diethyl-S-2 (Ethyl-Thioethyl) Phosphorothio-  
ionate (M-74) Less Toxic Towards Warm Blooded  
Animals, by M. I. Kabachnik, T. A. Kastyukova, Yu.  
M. Polikarpov, D. M. Paikin, N. P. Shestakova,  
B. M. Gampor, L. F. Kfirnova, 5 pp.

RUSSIAN, Zhurnal po khimii, Dok Ak Nauk SSSR, Vol  
CIX, No 5, 1956, pp 947-949.

Sci Lib Lib Tr 57/1875

Sci - Chemistry, Biology 55, 114  
Nov 57

The Tautomerism of  $\alpha$ -Pyridone and Carboxypyrid, by  
M. I. Kobachnik, S. T. Yoffe, Yu. N. Sheinker, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 7,  
Jul 1956, pp 2025-2028.

Consultants Bureau

Sci - Chemistry  
Nov 57

55,034

101  
Increased Efficiency of Scientific Institutions  
Urged. by M. Kabachnik, 6 pp.  
RUSSIAN, np. Izv. Moscow, 9 Oct 1969, p 2.  
JPRS 49596

*M. Kabachnik*

Soci-Sci and Sci Organ  
Jan 70

400,560

The Application of Hammett's Equation to Organic Compounds of Elements. The Ionization Constants of Phosphorus Acids, by M. I. Kabachnik.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CX, No 3, 1956, pp 393-396.

T.I.L. Tr 4782

Sci - Chemistry  
Jun 57

48, 848

The Reaction of Phosphorus Trichloride with  
~~Unsaturated~~ Unsaturated Cyclic Ketones, by M.I. Kabachnik,  
I. Ya. Melved, 6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 3, May-Jun 1952, pp 540-546.

Consultants Bureau

USSR  
Scientific - Chemistry

Mar 54 CTB/DEX

10,239

Conjugation in Systems with a Tetrahedral Atom  
Diarylphosphinic Acids, by M. I. Kabachnik,  
T. A. Mastryukova, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 1,  
1962, pp 267-272

CB

Sci

Oct 62

216,190

Synthesis and Examination of the Complex-Forming  
Properties of Some Organophosphorus Compounds, by  
M. I. Kabachnik, T. Ya. Medved', 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 4, 1960, pp 651-657.

CB

Sci

May 62

194,404

Use of the Hammett Equation for Phosphorus Dithio  
Acids, by M.I. Kabachnik, T.A. Mestryukova,  
G.A. Balueva, ~~pp.~~

RUSSIAN, Ser. Zhur. Org. Khim.  
Vol. XXII, No. 1 1961, pp. ~~136-139~~  
140-145

CB

Sic

192, 262

Mar 62

Theory of Tautomeric Equilibrium. Communication 3.  
The Question of Pseudomerism. Structure and Properties  
of Dialkyl Thiophosphites, by M. I. Kabachnik, T. A.  
Mastryukova, 4 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 1, Jan/Feb 1953, pp 163-176.

Consultants Bureau

Scientific - Chemistry

17,091

Aug 54 CTS

Researches in the Field of Phosphorus-Organic Compounds. Reaction of Sulfides of Phosphorus With Alcohols, by M. I. Kabachnik, T. A. Nastyukova, 6 pp. UNCLASSIFIED.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk, No 4, 1952, pp 727-735.

Consultants Bureau

16,960

Scientific - Chemistry

CTS/DEX

Certain Derivatives of Aminomethylphosphonic Acid,  
by M. I. Kabachnik, T. Ya. Medved, 3 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 6, USSR, Nov/Dec 1953, pp 1126-1128.  
CIA D 151103

Consultants Bureau

Scientific - Chemistry

Mar 55/CTS 66

21,791